Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

CW#17: Ditch Digger Activity

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| Act #1 | |
| Write at least 3 things you notice:  1.  2.  3.  4. | Write at least 3 things you wonder:  1.  2.  3.  4. |
| What information would be useful to know here? | What information doesn’t matter? |

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| Act #2 |
|  |
| How far does digger 1 move on each dig?  How far does digger 2 move on each dig? |
| What is the closet the diggers will ever come to each other? How do you know? |
| How far are the paths from each other? |
| On what day should they stop digging in their original direction and pick a new one?  Write functions to represent these paths and show when they will meet. |